

What is claimed is:-

- 1           1.     A method of connecting a mobile communication unit to a  
2 computer, comprising the steps of:  
3           a)     establishing a plurality of connections between internal  
4 circuitry of said mobile communication unit having a rechargeable battery  
5 and internal circuitry of a computer through a plurality of connector ports;  
6           b)     supplying power from a power source of said computer to said  
7 rechargeable battery of the mobile communication unit; and  
8           c)     controlling said mobile communication unit through one of said  
9 connections according to a command signal supplied to said computer.

- 1           2.     The connecting method of claim 1, wherein step (c) comprises  
2 detecting a voltage generated by said power source of the computer and  
3 supplying power to said mobile communication unit when the detected  
4 voltage is higher than a specified voltage level.

- 1           3.     The connecting method of claim 1, wherein step (c) comprises  
2 the step of providing power on-off control on said mobile communication  
3 unit according a command signal entered to said computer.

- 1           4.     The connecting method of claim 1, wherein said mobile  
2 communication unit comprises a voice recognition circuit and a memory for  
3 storing a plurality of stored phone numbers and reading one of the stored  
4 phone numbers corresponding to an output signal of the voice recognition  
5 circuit, and wherein step (c) comprises supplying a voice signal from a  
6 microphone to said voice recognition circuit, receiving a phone number read  
7 from said memory in response to an output signal of the voice recognition

SCB  
A  
V  
000002197 020001

1           5.       The connecting method of claim 1, further comprising  
2     displaying a simulated image of said mobile communication unit on a screen  
3     of said computer.

7. The connecting method of claim 1, wherein said computer is provided with a packet processor, and wherein step (c) comprises controlling said mobile communication unit to establish a wireless link between said packet processor and a mobile communication network.

1           8.       The connecting method of claim 1, wherein said computer is  
2       provided with a facsimile transceiver, and wherein step (c) comprises  
3       controlling said mobile communication unit to establish a wireless link  
4       between said facsimile transceiver and a mobile communication network.

1        ~~9.~~     A system for connecting a mobile communication unit from a  
2        computer, comprising:  
3                a connector having a recess for holding the mobile communication  
4        unit and a plurality of connector ports;  
5                switching circuitry for selectively establishing a connection between

6 the internal circuitry of the computer and the internal circuitry of said mobile  
7 communication unit through said connector ports;  
8 power supply circuitry for supplying power from a power source of  
9 said computer to a rechargeable battery of said mobile communication unit;  
10 and  
11 control circuitry for controlling said mobile communication unit  
12 through said connection according to a command signal entered to said  
13 computer.

1 10. The connecting system of claim 9, wherein said control circuitry  
2 is provided in an interface card which is located within a slot of said  
3 computer.

1 11. The connecting system of claim 9, wherein said control circuitry  
2 is provided in an interface card which is located within said connector.

1 12. The connecting system of claim 9, wherein said serial port is in  
2 accordance with specifications of Universal Serial Bus port.

1 13. The connecting system of claim 9, wherein said control circuitry  
2 is responsive to a command signal for providing a power on-off control on  
3 said mobile communication unit.

1 14. The connecting system of claim 9, further comprising a voltage  
2 sensor for detecting a voltage generated by said power source of the  
3 computer and a battery charger for supplying said power to said mobile  
4 communication unit when the detected voltage is higher than a specified  
5 voltage level.

543  
A1

00002107 000001

7 wherein said control circuitry is configured to supply a voice signal  
8 from a microphone to said voice recognition circuit, receive a phone number  
9 read from said memory in response to an output signal of the voice  
10 recognition circuit which is produced as a result of said voice signal, and  
11 display the received phone number on a screen of said computer.

1            17.     The connecting system of claim 9, wherein said computer is  
2     provided with a voice input/output device, and wherein said control  
3     circuitry is configured to control said mobile communication unit to establish  
4     a wireless link between said voice input/output device and a mobile  
5     communication network.

1            19.    The connecting system of claim 9, wherein said computer is

2 provided with a facsimile transceiver, and wherein said control circuitry is  
3 configured to control said mobile communication unit to establish a wireless  
4 link between said facsimile transceiver and a mobile communication  
5 network.

1 20. A connection device for establishing connections between a  
2 computer and a mobile communication unit having a rechargeable battery,  
3 comprising:

4 a connector having a recess for holding the mobile communication  
5 unit and a plurality of connector ports; and

6 an interface card connected through said connector ports to the  
7 internal circuitry of said mobile communication unit and connected through a  
8 serial port to said internal circuitry of said computer,

9 said interface card including:

10 power supply circuitry for supplying power from a power  
11 source of said computer to said rechargeable battery of the mobile  
12 communication unit;

13 switching circuitry for selectively establishing a connection  
14 between the internal circuitry of the computer and the internal circuitry of the  
15 mobile communication unit through said connector ports; and

16 control circuitry for controlling said mobile communication unit  
17 through said connection according to a command signal entered to said  
18 computer.

1 21. The connection device of claim 20, wherein said interface card is  
2 located within a slot of said computer.

1 22. The connection device of claim 20, wherein said interface card is

SCUB  
A1

00000107-030001

